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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen Christopher	03/20/2013
Carl J. Ledbetter	03/19/2013
Monique Chatterjee	03/20/2013
Farah Shariff	03/25/2013
Sung Ho Son	03/21/2013

RECEIVING PARTY DATA

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City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29450055

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ATTORNEY DOCKET NUMBER: 013797.08166

NAME OF SUBMITTER: Robert S. Katz

PATENT

502495254 REEL: 031204 FRAME: 0675

Signature:	/Robert S. Katz/
Date:	09/13/2013
Total Attachments: 5 source=8166-assignment-executed#page1.tif source=8166-assignment-executed#page2.tif source=8166-assignment-executed#page3.tif source=8166-assignment-executed#page4.tif source=8166-assignment-executed#page5.tif	

Any. Ref: 013797.08166 MS# 336832_01

PATENT ASSIGNMENT

Shariff ("ASSIGNORS"), hav in a patent application entitle	Christopher, Carl J. Ledbetter, Monique Chatterjee and Farah e invented subject matter ("INVENTION") disclosed and/or claime d "ELECTRONIC BAND" ("APPLICATION"), which: ed without this executed PATENT ASSIGNMENT. ASSIGNORS	đ
hereby ar & Witcoff 4051, wh parenther APPLICA	uthorize and request ASSIGNEE'S legal representatives, of Banne LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005- o are associated with customer number 28319, to insert here in sis (U.S. Serial No, filed) this TION's U.S. Serial Number and filing date, when known:	
is filed co	on <u>3/15/2013</u> and was given U.S. Serial No. <u>29/450055;</u> ncurrently herewith;	
successors and assigns ("AS and exclusive rights, title and applications and patents deri United States, its territories,	poration, a Washington Corporation, on behalf of itself and its (SIGNEE"), is entitled to, and is desirous of acquiring, the entire interest in the INVENTION and the APPLICATION (and all other yed therefrom, such as continuing applications, in and for the and all foreign countries ("APPLICATION DERIVATIVES"));	
acknowledged by the ASSIG ASSIGNEE, the entire and e APPLICATION (and APPLIC	valuable consideration, the receipt of which is hereby NORS, the ASSIGNORS hereby sell, assign and transfer to the kclusive rights, title and interest in the INVENTION and the ATION DERIVATIVES); agree to execute all instruments and documents required for the	
making and prosecution of the regarding letters patent deriv	e APPLICATION (and APPLICATION DERIVATIVES), for litigation and the street of the purpose of protecting and perfecting title PPLICATION DERIVATIVES).) IU
3/20/13	14-Gt	
DATE	Stephen Christopher	
DATE	Carl J. Ledbetter	
DATE	Monique Chatterjee	
DATE	Farah Shariff	
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Shariff ("ASSIGNORS"), have in a patent application entitled hereby as. & Witcoff, 4051, who parenthes APPLICA was filed colored with the second microsoft Corp successors and assigns ("AS and exclusive rights, title and applications and patents derir United States, its territories, a For good and acknowledged by the ASSIGNEE, the entire and example and example and example and example assigns ("ASSIGNEE, the entire and example assigns and patents derivative and example assigns and prosecution of the regarding letters patent derivative.	Christopher, Carl J. Ledbetter, Monique Chatterjee and Farah invented subject matter ("INVENTION") disclosed and/or claime I "ELECTRONIC BAND" ("APPLICATION"), which: I without this executed PATENT ASSIGNMENT. ASSIGNORS thorize and request ASSIGNEE'S legal representatives, of Banna LTD., 1100-13th Street NW, Suite 1200, Washington, DC 20005-are associated with customer number 28319, to insert here in is (U.S. Serial No	ear -
DATE	Step <u>hen</u> Christopher	
March 19, 2013		
DATE	Carl J. Ledbetter	
DATE	Monique Chatterjee	
DATE	Farah Shariff	

Shariff ("ASSIGNORS"), have	Phristopher, Carl J. Ledbetter, Monique Chatterjee and Farah invented subject matter ("INVENTION") disclosed and/or claimed
in a patent application entitled	"ELECTRONIC BAND" ("APPLICATION"), which:
☐ will be file hereby au & Witcoff, 4051; who parenthes	d without this executed PATENT ASSIGNMENT. ASSIGNORS thorize and request ASSIGNEE'S legal representatives, of Banne LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-are associated with customer number 28319, to insert here in is (U.S. Serial No, filed) this TION's U.S. Serial Number and filing date, when known;
	on <u>3/15/2013</u> and was given U.S. Serial No. <u>29/450055;</u>
	currently herewith;
successors and assigns ("AS and exclusive rights, title and applications and patents deriv United States, its territories, a For good and acknowledged by the ASSIGNEE, the entire and ex APPLICATION (and APPLICATION assignment) ASSIGNORS a making and prosecution of the	igree to execute all instruments and documents required for the APPLICATION (and APPLICATION DERIVATIVES), for litigation therefrom, and for the purpose of protecting and perfecting title
DATE	Ctaphan Christophan
UNIE	Stephen Christopher
DATE	Carl J. Ledbetter
3/20/2013 DATE	Monique Chapterlee
DATE	Farah Shariff

Shariff ("ASSIGNORS"), have in a patent application entitled will be file hereby at & Witcoff, 4051, who parenthes APPLICA was filed of is filed compared with the way of the wa	Christopher, Carl J. Ledbetter, Monique Chatterjee and Farah e invented subject matter ("INVENTION") disclosed and/or claimed d "ELECTRONIC BAND" ("APPLICATION"), which: dividual this executed PATENT ASSIGNMENT. ASSIGNORS athorize and request ASSIGNEE'S legal representatives, of Banner LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-co are associated with customer number 28319, to insert here in sis (U.S. Serial No		
ASSIGNORS	agree to execute all instruments and documents required for the		
making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).			
DATE	Stephen Christopher		
DATE	Carl J. Ledbetter		
	33., 2. 23334101		
DATE	Monique Chatterjee		
3/25/13	Jarahal		
DATE '	Farah Shariff		

I, ("INVENTION") ("APPLICATION	Sung Ho Son ("ASSIGNOR"), am a co-in disclosed and/or claimed in a patent appli	ventor of subject matter cation entitled "ELECTI	RONIC BAND
	will be filed without this executed PAT hereby authorizes and requests ASSIGN Banner & Witcoff, LTD., 1100-13th Str. 2005-4051, who are associated with here in parenthesis (U.S. Serial No	3NEE'S legal represent eet NW, Suite 1200, Wa customer number 2831 filed	atives, of ashington, DC 9, to insert) this
	APPLICATION's U.S. Serial Number a was filed on 3/15/2013 and was given is filed concurrently herewith:	and filing date, when kno	awn,
successors and and exclusive ri applications and United States, it F acknowledged b ASSIGNEE, the	Aicrosoft Corporation, a Washington Corporation of the assigns ("ASSIGNEE"), is entitled to, and ghts, title and interest in the INVENTION of patents derived therefrom, such as conting territories, and all foreign countries ("AP" or good and valuable consideration, the most the ASSIGNOR hereby entire and exclusive rights, title and interestant APPLICATION DERIVATIVES).	I is desirous of acquiring and the APPLICATION (nuing applications, in ar PLICATION DERIVATIV eceipt of which is hereb y sells, assigns and tran	, the entire and all other id for the /ES")); / sfers to the
making and pro regarding letters	SSIGNOR agrees to execute all instrume secution of the APPLICATION (and APPL) appearance of the pure tion (and APPLICATION DERIVATIVES	ICATION DERIVATIVE: pose of protecting and p	for litigation
03-21	->013		
DATE	Sung	Ho Son	

PATENT REEL: 031204 FRAME: 0681

RECORDED: 09/13/2013